

In the claims:

1. (Currently Amended) A method for extracting nucleic acid from a liquid mixture containing nucleic acid, the method ~~employing (a) comprising providing a container having a first and second end and containing comprising a solid phase capable of binding nucleic acid and a reversible suction means connected to one of said ends; and (b) operating said reversible suction means for drawing to draw the liquid mixture through over the solid phase in one direction and forcing the liquid mixture over the solid phase in the reverse direction, the method comprising reversibly drawing the liquid mixture over the solid phase~~ so that nucleic acid in the sample binds to the solid phase.

26. (Currently Amended) An extraction device for extracting nucleic acid from a liquid mixture containing nucleic acid, the device comprising (a) a container having first and second ends and containing a solid phase capable of binding nucleic acid and (b) reversible suction means which is connected to one of said ends and operates to draw the liquid mixture through said solid phase in one direction and force said liquid through said solid phase in the reverse direction, thereby causing said liquid mixture to pass up and down through said solid phase~~for drawing the liquid mixture over the solid phase.~~